



COUNTY OF LOS ANGELES FIRE DEPARTMENT

FIRE PREVENTION DIVISION

FRUIT RIPENING PERMIT REQUIREMENTS

Article 1, section 105 of the Los Angeles County Fire Code states... a permit shall be obtained from the Fire Prevention Division prior to engaging in the following: ...to operate a fruit ripening process regulated by Article 46. See Article 46. Additional requirements may be applicable.

Scope Fruit-Ripening processes in heated rooms and ripening processes where ethylene gas is introduced into a room to assist the ripening process shall be in accordance with Article 46.

Use of Ethylene The location of buildings in which fruit-ripening processes utilizing ethylene are conducted shall be approved.

Concentration Controls Ethylene shall be introduced by a means under positive control and measured so that the quantity introduced does not exceed one part ethylene to 1,000 parts of air.

Storage Containers other than those connected for use shall be stored outside of fruit ripening process buildings or in a special building.

Piping Piping containing ethylene shall be constructed of iron. Flexible connectors and hose, when used, shall be of an approved type. Tubing shall be of brass or copper with not less than 0.049-inch (1.2mm) wall thickness.

Electrical Equipment Electrical wiring and equipment shall be in accordance with the Electrical Code.

Illumination Sources other than electrical lighting shall not be used for supplemental illumination.

Heating Heating of ripening rooms shall be by indirect means with low-pressure steam; hot water or warm air; or approved electric, gas or kerosene heaters. Combustion type heaters shall have sealed combustion chambers.

Installation Fuel-fired heaters shall be installed in accordance with the Mechanical Code.

Electric Heaters Electric heaters shall be of a type which does not have exposed surfaces with temperatures higher than 800°F. (426.7°C). Thermostatic elements in such heaters shall not produce sparks and shall be of a type approved for use in hazardous locations.

Guards Protective guards shall be provided around heaters to prevent heaters from being knocked over by other equipment such as vehicles or lift trucks.

Sources of Ignition Open flame heaters and open lights shall not be located in ripening rooms.

Smoking NO SMOKING signs shall be posted at every entrance, and smoking shall be prohibited in ripening rooms. See Section 1109.4.

Housekeeping Ripening rooms shall be frequently cleared of combustible materials.

Additional
Requirements _____

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